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| TERMINAL DISCLAIMER   |
| - DISCLAIMER  |
| The term of this patent   |
| subsequent to(date)   |
| has been disclaimed.  |
| The term of this nater' shall not extend beyond the expiration date of U.S Patent. No.      |
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| The terminalmonths of   |
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| WARNING:  |
| The information disclosed herein may be res<br>Possession outside the U.S. Patent & Traderr |
| Form PTO-436A<br>(Rev. 6/99)  |
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| POSITION                  | INITIALS | ID NO. | DATE      |
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| FEE DETERMINATION         | Jun.     | 100.   | 1 11:11:0 |
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| FORMALITY REVIEW          | Сн       | 71632  | 2/3/00    |
| RESPONSE FORMALITY REVIEW | .CM      | 71632  | 3-8-00    |

## INDEX OF CLAIMS

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| ~ | Rejected                   | N | Non-elected  |
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|   | Allowed                    | 1 | Interference |
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| _ |          | L        | 4 | _  |       | 4              | 54   | 1        | V,   | 4             | -               |     |  |          |              |              |                |
| _ |          | L        | 4 | _  |       | 1,0            | 55   | -1       | Ļ√.  | X             | $\square$       |     |  | _        |              |              |                |
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|   |          | L        | 1 |  |       | 50             | 57   |          | D,   | 10            |                 |     |  |          |              | _            |                |
|   |          | L        |   | _  |       | S.             | 58   |          |  | 1             | Ц               |     |  | _        | L_           |              |                |
|   |          | L        |   |  |       | 32             |  |          | 0  | 0             |                 |     | L  |          |              |              |                |
|   |          | Г        | T |  |       | 53             | 60   |          | I  | V             |                 |     |  | L        |              |              |                |
| 7 |          | Γ        | 7 |  |       | 4              | 61   | Π        | J  | J             |                 |     | L  |          |              |              |                |
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|   |          | L        | _ |  |       | 63             | 70   | _        | 1  | <u> </u>      | ┧               | 1   | 1_   | <b> </b> |              | _            |                |
|   |          | L        |   |  |       | ist.           | 71   | <u> </u> | <u> </u>   | _             | N               | 4   | 1_   |          | _            | <u> </u>     |                |
|   |          |          |   |  |       | 16             |  | _        | _  | _             | 3               |     | 1_   | _        |              | _            | _              |
|   |          | Γ        | 1 |  |       |                | 73   | L        |  |               | L               | _   | _  |          | <u> </u>     | <u></u>      | _              |
|   |          | Γ        | - |  |       |                | 74   | L        |  |               |                 |     | L  | L        | _            |              |                |
|   |          | Τ        |   |  |       | Г              | 75   | Γ        |  |               |                 |     | Γ  |          |              | L            | L              |
|   |          | 1        |   |  |       |                | 76   |          |  |               | Π               | 1   |  |          |              | Г            |                |
| _ |          | T        | 7 | М  |       |                | 77   | 1        | 1  | 1             | 1               | 1   | 1  |          |              |              | _              |
|   | -        | +        | - |  |       |                | 78   | -        | 1  | †             | Τ               | 1-  | 1  | 1        | 1            |              | 1              |
| - |          | +        | - |  |       | -              | 79   | 1        | +-   | +             | +               | 1-  | 1-   | 1        | $\vdash$     | <b>!</b>     | Т              |
|   | -        | +        | - |  |       | -              | 80   | -        | $\vdash$   | 十             | +-              |     | 1-   | $\vdash$ | 1-           | 1-           | -              |
|   |          | +        | - | $\vdash$   |       | -              | 81   |          | +-   | +             | +               | +-  | +-   | +-       |              | +            | <del>  -</del> |
|   | -        | +        | - | <u> </u>   |       | -              | 82   |          |  | +             | ┼               |     |  | -        |              | <del> </del> | -              |
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|   | _        | 1        | _ | <u> </u>   | 1     | -              | 83   | -        |  | 4             | -               |     | - -  |          |              | -            | -              |
|   | L        | 1        | _ |  | l     | -              | 84   |          |  | +             | 1               |     | - -  | +-       |              | -            | -              |
|   | _        | 1        | _ |  |       | _              | 85   | 4        | 1-   | +             | 1               | 4   | -  | ↓        | -            | <del> </del> | -              |
|   | L        | 1        | _ |  |       | <u></u>        | 86   | -        | 1_   | 4             | 1_              | 1   | 4_   | ـــــ    | 1            | 1_           | 1              |
|   | _        | 1        |   | <u> </u>   | 1     | L              | 87   |          | 4_   | $\perp$       | 1               |     | 1_   | ↓_       | -            | -            | _              |
| _ |          | $\prod$  |   | _  |       | L              | 88   |          | _  | 1             | L               | 1   | 1  | 1_       | 1            | 1            | <u> </u>       |
|   |          | I        | _ |  |       | L              | 89   | L        |  |               |                 |     | L  | $\perp$  | <u> </u>     | 1            | L              |
|   |          | T        |   | _  |       |                | 90   | 1        |  |               |                 |     |  | 1.       | 1            | L            | L              |
|   | $\vdash$ | †        |   | Г  | 1     |                | 91   | 1        | 1  | 1             | 7               | 1   | T  | Τ        | 1            | 1            |                |
|   | +-       | +        |   | <del>                                     </del> | 1     | -              | 92   |          | +  | +             | +               | +-  | 1  | T        | +            | +            | 1              |
|   | -        | +        | _ | -  | 1     | -              | 93   |          | +  | +             | +-              | +-  | +-   | +        | +            | +            | 1              |
|   | +        | +        | _ | -  | 1     | -              | 94   |          |  | +             | +-              |     |  | +-       | +            | +            | -              |
|   | $\vdash$ | +        |   |  | 1     | -              |  |          | +  |               | +               | +   | +-   | +        | +-           | +            | +-             |
|   |          | +        | _ | $\vdash$   | 1     | -              | 95   |          | +-   | +             | +               |     | +  | +-       | +-           | +-           | ╁              |
|   | ↓_       | 4        | _ | 1_   | -     | 1              | 96   |          | -  | +             | +               | +   | +-   | 4        | -            | +-           | +              |
|   | 1        | 1        |   | <u> </u>   | ļ     | <u></u>        | 97   |          |  | $\bot$        | 4               | - - | -  | ļ        | 4-           |              | 1              |
|   | 1        | . .      |   | <u> </u>   | 1     |                | 98   |          | 4  | 4             | - -             | _   | 1  | - -      | _            | ╁            | 1              |
|   | 1_       | 1        |   | 1  | 1     | -              | 99   |          | +  | -             | 4-              | 4   | -  | -        | $\vdash$     | ╄-           | 4_             |
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| ΙĒ    | _          | _             | _            |          |  | _            | _  |  |  | _              | -             |
|       | 101        | -             | _            |          |  |              |  |  |  |                |               |
|       | 102        | _             |              |          |  |              | -  |  |  | _              | _             |
|       | 103        | _             |              |          |  |              |  | _                                      |  | <u> </u>       |               |
|       | 104        | _             |              |          |  |              | -  |  |  |                | -             |
|       | 105        |               |              | _        |  |              |  |  |  | -              | -             |
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|       |            |               |              |          | <u> </u>   | ┝            |  |  | -  | -              |               |
|       | 108        | -             |              |          |  |              |  |  |  |                |               |
| _     | 109        |               |              |          |  |              |  |  |  | -              | -             |
| -     | 110        |               |              |          | -  |              |  |  |  | -              | -             |
| -     | 112        |               |              |          |  | -            | -  |  | -  | -              |               |
| -     | 113        |               |              |          |  | -            | <del> </del>                                     |  | -  | -              | -             |
| -     | 114        |               | -            |          | -  | -            | <del> </del>                                     | -                                      | -  | -              | -             |
| -     | 115        |               |              |          | 1  | <del> </del> | $\vdash$   |  |  | -              | _             |
| -     | 116        |               | -            |          | 1  | -            | <del>                                     </del> | -                                      | -  | -              | $\vdash$      |
| -     | 117        |               | -            |          | 1  | 1            | <b>_</b>   |  |  | -              | T             |
| -     | 118        |               | _            |          | <del>                                     </del> | -            |  | _                                      | Г  | $\vdash$       | _             |
|       | 119        |               | _            |          |  | -            |  | _                                      | <del>                                     </del> | 1              | $\vdash$      |
|       | 120        | <del>  </del> |              | _        | T-   | T            | 1  | _                                      |  |                |               |
| -     | 121        |               |              | -        |  | <del> </del> |  | ┝─                                     | -  | 1-             | 1             |
| -     | 122        |               |              | -        | 1  | <del> </del> | 一  | -                                      | <del>  -  </del>                                 | $\vdash$       |               |
| -     | 123        |               | _            |          | -  | $\vdash$     | -  | -                                      |  | -              | 1             |
| 1     | 124        |               | -            | $\vdash$ | <del>                                     </del> | 一            | -  | ┢                                      | _  | <del>  -</del> | 1             |
| -     | 125        | -             | <del> </del> | -        | 1  | ┰            | †  | ┢                                      | <del>                                     </del> | -              | 1-            |
|       | 126        | +             | _            |          | 1  | -            | 1  |  |  | 1              |               |
|       | 127        | +             |              | _        |  | 1            |  | 1                                      |  |                | Τ             |
|       | 128        |               |              | _        | 1  | 1            | 1  | _                                      | 1  |                |               |
|       | 129        |               | 1            | -        |  | 1            | 1  |  |  | Τ              | Т             |
|       | 130        |               |              | -        | Τ  |              |  |  | _  |                |               |
|       | 13         |               |              | Γ        | 1  |              |  |  |  |                | 1             |
|       | 132        |               | Г            |          |  |              |  |  | Г  |                |               |
|       | 133        | 3             |              |          |  |              |  |  | I  |                |               |
|       | 13         |               |              |          |  |              |  |  |  |                |               |
|       | 135        |               |              |          |  |              |  | L                                      |  | L              | L             |
|       | 136        |               |              | L        |  |              | 1_   | <u> </u>                               | L  | _              | L             |
| L     | 137        | +             | _            | _        | $\perp$  | 1_           | ↓_   | <u> </u>                               | L  | 1              | 1             |
| L     | 138        | _             | _            | _        | 1_   | 1_           | 1_   | L                                      | 1  | 1              | $\vdash$      |
| L     | 139        | _             | <u> </u>     | _        | _  | $\perp$      | -  | 1_                                     | _  | 1              | ـ             |
| _     | 140        |               | L            | 1_       | 1  | 1_           | 1_   | ļ                                      | <u> </u>   | 1              | _             |
| L     | 14         | 1             | <u>_</u>     | L        |  | L            |  |  | $\perp$  | 1              | _             |
|       | 14         |               | Ĺ            | L        |  | 1            | _  | _                                      | <u> </u>   | 1              | $\perp$       |
|       | 14         |               | L            | L        | $\perp$  | 1            | 1_   | <u> </u>                               | 1  | _              | 1             |
|       | 14         |               | L            | L        | 1  | _            | $\perp$  | 1_                                     | 1  | 1_             | 1             |
|       | 14:        |               | 1            | L        | 1  | 1            | 1_   | 1_                                     | <del> </del> _                                   | 1              | 1             |
| L     | 140        |               | L            | _        | _  | $\perp$      | 1_   | _                                      | $\perp$  | <b> </b>       | -             |
| _     | 14         |               | 1            | 1        | $\perp$  | 1            | _  | _                                      | <u> </u>   | _              | 1             |
| _     | 14         |               | 1_           |          | 1  | 1            | -  | ╄-                                     | 1  | 1              | 1             |
| _     | 14         | 9             | -            | -        | +  | 4            | +-   | ₩                                      | $\vdash$   | +              | +             |
| L     | 15         | <u> </u>      | <u> </u>     | 1_       | ــــــــــــــــــــــــــــــــــــــ           |              | ــــــــــــــــــــــــــــــــــــــ           | ــــــــــــــــــــــــــــــــــــــ | 1  |                |               |

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